

Serial No.: 10/757,159
Examiner: Laura C. Schell
Group Art Unit: 3767

CLAIMS:

1 -10 (Canceled).

11. (Currently Amended) A driving system for use with an injector system, the injector system comprising: a tubular member housing defining a lumen and having an output end and a driving system connection end; a needle assembly coupled to the output end of the housing for coupling to a needle; and a mixing member extending through the tubular member, lumen from the driving system connection end to at least the output end; and

the driving system comprising comprises:

a drive mechanism;

an actuator coupled to the drive mechanism to actuate the drive mechanism; and a

rotatable interfacing member coupled to the drive mechanism for coupling with the mixing member to rotate the mixing member when the interfacing member is driven by the drive mechanism, wherein the mixing member is rotatable in the needle assembly and the lumen.

12. (Original) The driving system of claim 11, wherein the drive mechanism comprises a motor.

13. (Original) The driving system of claim 12, wherein the motor is a high speed, low torque motor.

14. (Original) The driving system of claim 12, wherein the motor is coupled to an energy source.

15. (Original) The driving system of claim 14, wherein the energy source is a battery.

16. (Original) The driving system of claim 11, wherein the actuator comprises a switch.

17. (Previously presented) The driving system of claim 11, wherein the driving system is

Serial No.: 10/757,159
Examiner: Laura C. Schell
Group Art Unit: 3767

capable of coupling to an injector system, the injector system comprising a tubular member and a mixing member extending through the tubular member.

18. (Original) A coupling system for use with a tube of a syringe, comprising: a housing for coupling to the tube of the syringe; a drive mechanism disposed within the housing; a mixing member for coupling to the drive mechanism, the mixing member for extending into the tube of the syringe and being rotatable within the tube of the syringe to mix and deliver an injectable from the tube of the syringe; and an actuator coupled to the drive mechanism to actuate the drive mechanism and thereby cause rotation of the mixing member.

19. (Original) The coupling system of claim 18, wherein the mixing member is coupled to the drive mechanism.

20. (Previously presented) The coupling system of claim 18, wherein the housing further comprises a mating portion, the mating portion being capable of mating with the tube of the syringe.

21. (Canceled)

22. (Previously presented) The coupling system of claim 20, wherein the tube of the syringe comprises an injectable material.

23. (Original) The coupling system of claim 18, wherein the housing comprises finger grips.

24 – 25. (Canceled)